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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	4
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**Complete if Known**

Application Number	10/805,639
Filing Date	March 19, 2004
First Named Inventor	Donald J. Lewis
Art Unit	3747
Examiner Name	Noah Kamen
Attorney Docket Number	81100256

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
NK		US- 3,828,247	08-06-1974	Kirsch et al	
		US- 3,865,088	02-11-1975	Links	
		US- 4,009,695	03-01-1977	Ule	
		US- 4,976,228	10-13-1989	Kawamura	
		US- 4,990,854	02-05-1991	Friz	
		US- 5,117,790	06-02-1992	Clarke et al	
		US- 5,190,013	01-10-1992	Dozier	
		US- 5,408,958	04-25-1995	Esch et al	
		US- 5,442,515	11-23-1994	Wallaert	
		US- 2004/0206068	10-21-2004	Michelini	
		US- 5,636,601	06-10-1997	Moriya et al	
		US- 5,934,231	08-10-1999	Schmitz et al	
		US- 5,992,153	11-30-1999	Tsuchihashi et al	
		US- 5,617,829	04-05-1997	Bidner et al	
		US- 5,930,992	08-03-1999	Esch et al	
		US- 5,957,095	09-28-1999	Kako	
	US- 6,050,231	04-18-2000	Tisch et al		
	US- 6,062,186	05-16-2000	Barnes et al		
	US- 6,109,225	08-29-2000	Ogita et al		

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Kemoran

Date	
Considered	

8/30/05

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Sheet 2 of 4	Attorney Docket Number	81100256	

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UK		US- 6,178,934	01-30-2000	Hirawawa et al	
		US- 6,192,857	02-27-2001	Shimada	
		US- 6,202,608	03-20-2001	Yamaki et al	
		US- 6,216,652	03-27-2000	Gramann et al	
		US- 6,332,445	12-25-2001	Voss et al	
		US- 6,333,843	12-15-2000	Boie et al	
		US- 6,363,907	10-11-2000	Arai et al	
		US- 6,367,437	03-02-2001	Nakamura et al	
		US- 6,374,783	04-23-2002	Toriumi	
		US- 6,382,193	11-20-2000	Hori et al	
		US- 6,389,806	05-21-2002	Glugla et al	
		US- 6,390,038	05-21-2002	Di Lieto et al	
		US- 6,397,813	06-04-2002	Han et al	
		US- 6,401,684	12-15-2000	Hori et al	
		US- 6,415,601	07-09-2002	Glugla et al	
		US- 6,422,185	07-23-2002	Duesmann et al	
		US- 6,460,500	09-11-2000	Ooyana et al	
		US- 6,505,113	10-22-2000	Eichensener et al	
		US- 6,526,745	11-24-2000	Ogiso	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Kamen</i>	Date Considered	8/30/05
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		First Named Inventor	Donald J. Lewis
		Art Unit	3747
		Examiner Name	Noah Kamen
Sheet 3 of 4	Attorney Docket Number	81100256	

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AK		US- 6,546,910	04-15-2003	Tanaka et al	
		US- 6,550,240	04-22-2003	Kolmanovsky et al	
		US- 6,553,961	04-29-2003	Hammoud et al	
		US- 6,619,245	09-16-2003	Fujiwara et al	
		US- 6,637,386	10-28-2003	Murata et al	
		US- 6,647,947	11-18-2003	Boyer et al	
		US- 6,681,173	01-20-2004	Turner et al	
		US- 6,718,928	04-13-2004	Brueggen et al	
		US- 6,736,121	05-18-2004	Sumilla	
		US- 6,763,707	07-20-2004	Kumagai et al	
		US- 6,766,641	07-27-2004	Sumilla et al	
		US- 6,772,723	08-10-2004	Aoki et al	
		US- 6,785,603	08-31-2004	Inoue	
		US- 2002/0038541	04-04-2002	Sumilla et al	
		US- 2002/0157630	10-31-2002	Gerhard et al	
		US- 2003/0051465	03-20-2003	Kolmanovsky et al	
		US- 2003/0106515	06-12-2003	Kondo	
		US- 2004/0083719	05-06-2004	Xu et al	
		US- 2004/0103867	06-03-2004	Hayase et al	

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Examiner Signature	<i>Kamen</i>	Date Considered	8/30/05
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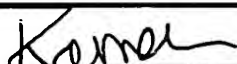
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		Examiner Name	Noah Kamen		
Sheet	4	of	4	Attorney Docket Number	81100256

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AK		KLUTING, FLIERL, GRUDNO and LUTTERMANN; MTZ Magazine, August 1999, "Drosselfreie Laststeuerung mit vollvariablen Ventiltrieben"	✓

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